

Db 192 ---KNTYLMFLLDLDKNTCRKTKTORKGIFKLVDSKAVSLWGNKKNKPDMM 248
QY 302 YDKLSRSIROYYKKGIIRKPDISORLYOF 331
Db 249 YETMGALRYYYORGLAKVE-GORLYVOF 277

RESULT 2

US-08-368-281-2
Sequence 2, Application US/08368281
Patent No. 572113
GENERAL INFORMATION:
APPLICANT: Libermann, Towia A
APPLICANT: Oetgen, Joerg P
APPLICANT: Kunsch, Charles A
TITLE OF INVENTION: NERF Genes
NUMBER OF SEQUENCES: 9
CORRESPONDENCE ADDRESS:
ADDRESSEE: Smithline Beecham Corporation
STREET: 709 Swedeland Road
CITY: King of Prussia
STATE: Pennsylvania
COUNTRY: USA
ZIP: 19406
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/368,281
FILING DATE:
CLASSIFICATION: 424
ATTORNEY/AGENT INFORMATION:
NAME: Baumeister, Kirk
REGISTRATION NUMBER: 33,833
TELECOMMUNICATION INFORMATION:
TELEPHONE: 610-270-5096
TELEFAX: 610-270-5090
INFORMATION FOR SEQ ID NO: 2:
SEQUENCE CHARACTERISTICS:
LENGTH: 521 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: protein
US-08-368-281-2

Query Match 13.6%; Score 242; DB 1; Length 521;
Best Local Similarity 25.3%; Pred. No. 1.4e-15;

Matches 66; Conservative 45; Mismatches 72; Indels 78; Gaps 8;

QY 99 QAPASLDVPGGLLEERS-----LEQVSMVVG---VLKD----- 134
Db 7 EEPNOLDLLRAVASVSNHACTDKTIEAEALLHNSPTCLDRSPEFIHAAMP 66
QY 134 ---ITACKLINTADPMDWSPSNVQKWLMTENHGYRLPRPKGAFQELAGELCAMSEEQ 190
Db 67 DVTETVEEVSSESEPDSTP-----IPSPDSEHPKKKK---VERKP 108
QY 191 FRQSPFLGGDVLHAHLDIWKSAAWKKERTSPGAIHYCASTSEESMTSEVDSQSGQPIH 250
Db 109 KTOOSPISNG-----SPELGKKKPRREG-----KNTTY 137
QY 251 LMOFLKELLKPHSYGRFIRLWLNKEGIFKIEDSAQVARKLGIKKNRPANVYKLSHSIR 310
Db 138 LMEFLDLLOKXNCTPRIKTKTORKGIFKLVDSKAVSKLMGKKNRPDMVYETMGALR 197
QY 311 QYKKGIIIRKPDISORLYOF 331
Db 198 YYORGLAKVE-GORLYVOF 217

RESULT 3

US-08-746-789A-2
Sequence 2, Application US/08746789A
Patent No. 5789200
GENERAL INFORMATION:
APPLICANT: Ismail Kola, Martin J. Tyms, Christine Debouck
TITLE OF INVENTION: A No. 5789200el Human ETS Family Member, ELF3
NUMBER OF SEQUENCES: 4
CORRESPONDENCE ADDRESS:
ADDRESSEE: Smithline Beecham Corporation
STREET: 709 Swedeland Road, P.O. Box 1539
CITY: King of Prussia
STATE: PA
COUNTRY: USA
ZIP: 19406-0939
COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
COMPUTER: IBM 486
OPERATING SYSTEM: WINDOWS FOR WORKGROUPS
SOFTWARE: MICROSOFT WORD
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/746,789A
FILING DATE: No. 5789200ember 15, 1996
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: William T. Han
REGISTRATION NUMBER: 34,344
REFERENCE/DOCKET NUMBER: ATG 50024
TELECOMMUNICATION INFORMATION:
TELEPHONE: 610 270 5219
TELEFAX: 610 270 4026
INFORMATION FOR SEQ ID NO: 2:
SEQUENCE CHARACTERISTICS:
LENGTH: 371
TYPE: Amino Acid
TOPOLOGY: Linear
US-08-746-789A-2

Query Match 13.5%; Score 240.5; DB 2; Length 371;
Best Local Similarity 22.4%; Pred. No. 1.2e-15;

Matches 87; Conservative 55; Mismatches 95; Indels 151; Gaps 15;

QY 55 LSAFYLSIFDMLTPEDSSNAKAPASSRHEPPEPDCPVIDSQAPASLDVPGGLTL 114
Db 7 ISNIFSNYSNATSSSEDSYIASVPPAATFEND-----DLY---LTL 44
QY 115 E--EHSLEQVO-SMVYGEVLNDIETACKLINTADPMDWSPSNVQKWLMT--THGYRLP 169
Db 45 SNPKSLSEGETEASWLG-----OPQFWSKTOVLWITSYVERKNKYDAS 88
QY 170 PKGAFQELAGELCAMSEEQFR-ORSPLAGDVLHAHL-DIWKSA-----AMW----- 216
Db 89 AIDFSRCDMDGATLNCALLELRVFGPL-GDQLHAQLRDLTSSSDLSWITLEKDG 147
QY 216 ---KERTSPGAIHYCASTSEESMTSEVDS-----SCS----- 246
Db 148 MAFQELDPGPPDQSPPAQELDDGQOASPHYHSGGAGAPSPGSSSDVSTAGTASRSS 207
QY 246 -----GQP----- 249
Db 208 HSSDGGSDVDLPTDGLTFPSDFRCKKQDPNKGKRRGRPKLSKEYWDCLEGRSK 267
QY 249 -----IHMFLKELLKPHSYGRFIRLWLNKEGIFKIEDSAQVARKLGIKKNRPANVYD 303
Db 268 HAPRGTHLMERIRDLIHPLEBGLMKWENHGEVFKFLSEAVAAQMGCKKKNMNTYE 327
QY 304 KLSRSIROYYKKGIIRKPDISORLYOF 331

DB 328 KLSRAMRYKKREILERVDCRLVYKF 354

RESULT 4
US-08-469-412A-15
Sequence 15, Application US/08469412A
Patent No. 5856125

GENERAL INFORMATION:

APPLICANT: Mavrothalassitis, George J.

APPLICANT: Blair, Donald G.

APPLICANT: Fisher, Robert J.

APPLICANT: Beal Jr., Gregory J.

APPLICANT: Athanaslou, Meropi A.

APPLICANT: Souras, Dionysios N.

TITLE OF INVENTION: The ERF Genetic Locus and Its Products

NUMBER OF SEQUENCES: 16

CORRESPONDENCE ADDRESS:

ADDRESSEE: Townsend and Townsend and Crew LLP
STREET: Two Embarcadero Center, Eighth Floor
CITY: San Francisco
STATE: California
COUNTRY: USA

ZIP: 94111-3834

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patentin Release #1.0, Version #1.30

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/469,412A

FILING DATE: 05-JUN-1995

CLASSIFICATION: 435

ATTORNEY/AGENT INFORMATION:

NAME: Garett-Wackowski, Eugene

REGISTRATION NUMBER: 37,330

REFERENCE/DOCKET NUMBER: 015280-229000

TELECOMMUNICATION INFORMATION:

TELEPHONE: (415) 576-0200

TELEFAX: (415) 576-0300

INFORMATION FOR SEQ ID NO: 15:

SEQUENCE CHARACTERISTICS:

LENGTH: 80 amino acids

TYPE: amino acid

STRANDEDNESS: linear

TOPOLOGY: linear

MOLECULE TYPE: peptide

FEATURE:

NAME/KEY: Domain

LOCATION: 1..80

OTHER INFORMATION: /note= "E74 homologous region to
US-08-469-412A-15
OTHER INFORMATION: ets-like ERF DNA-binding domain"

US-08-469-412A-15

US-08-469-412A-15

US-08-469-412A-15

US-08-469-412A-15

US-08-469-412A-15

US-08-469-412A-15

US-08-469-412A-15

US-08-469-412A-15

US-08-469-412A-15

US-08-469-412A-15

US-08-469-412A-15

US-08-469-412A-15

US-08-469-412A-15

US-08-469-412A-15

APPLICANT: Xing, Xiangming

TITLE OF INVENTION: PEAK is a Tumor Suppressor

NUMBER OF SEQUENCES: 9

CORRESPONDENCE ADDRESS:

ADDRESSEE: ARNOLD, WHITE AND DURKEE

STREET: P.O. Box 4433

CITY: Houston

STATE: Texas

COUNTRY: USA

ZIP: 77210-4433

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patentin Release #1.0, Version #1.30

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/780,835B

FILING DATE: 10-JAN-1997

CLASSIFICATION: 514

ATTORNEY/AGENT INFORMATION:

NAME: Wilson, Mark B.

REGISTRATION NUMBER: 37,259

REFERENCE/DOCKET NUMBER: UTSC500

TELECOMMUNICATION INFORMATION:

TELEPHONE: (512) 418-3000

TELEFAX: (512) 474-7577

INFORMATION FOR SEQ ID NO: 2:

SEQUENCE CHARACTERISTICS:

LENGTH: 555 amino acids

TYPE: amino acid

STRANDEDNESS: single

TOPOLOGY: linear

US-08-780-835B-2

US-08-780-835B-2

US-08-780-835B-2

US-08-780-835B-2

US-08-780-835B-2

US-08-780-835B-2

US-08-780-835B-2

US-08-780-835B-2

US-08-780-835B-2

US-08-780-835B-2

US-08-780-835B-2

US-08-780-835B-2

US-08-780-835B-2

US-08-780-835B-2

US-08-780-835B-2

US-08-780-835B-2

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US-08-780-835B-2

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US-08-780-835B-2

US-08-780-835B-2

US-08-780-835B-2

US-08-780-835B-2

US-08-780-835B-2

US-08-780-835B-2

US-08-780-835B-2

Query Match 12.5% Score 224; DB 2; Length 555;

Best Local Similarity 23.8% Pred. No. 9.3e-14;

Matches 117; Conservative 38; Mismatches 128; Indels 208; Gaps 24;

US-08-780-835B-2

US-08-780-835B-2

US-08-780-835B-2

US-08-780-835B-2

US-08-780-835B-2

US-08-780-835B-2

US-08-780-835B-2

US-08-780-835B-2

US-08-780-835B-2

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US-08-780-835B-2

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US-08-780-835B-2

US-08-780-835B-2

US-08-780-835B-2

US-08-780-835B-2

US-08-780-835B-2

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US-08-780-835B-2

US-08-780-835B-2

US-08-780-835B-2

US-08-780-835B-2

US-08-780-835B-2

Db 483 -AGERYVYKFV 492

RESULT 6

US-08-469-412A-12

Sequence 12, Application US/08469412A

Patent No. 5856125

GENERAL INFORMATION:

APPLICANT: Mavrothalassitis, George J.

APPLICANT: Blair, Donald G.

APPLICANT: Fisher, Robert J.

APPLICANT: Beal Jr., Gregory J.

APPLICANT: Athanasios, Meropi A.

APPLICANT: Sgouras, Dionysios N.

TITLE OF INVENTION: The ERF Genetic Locus and Its Products

NUMBER OF SEQUENCES: 16

CORRESPONDENCE ADDRESS:

ADDRESSEE: Townsend and Townsend and Crew LLP

STREET: Two Embarcadero Center, Eighth Floor

CITY: San Francisco

STATE: California

COUNTRY: USA

ZIP: 94111-3834

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: PatentIn Release #1.0, Version #1.30

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/469,412A

FILING DATE: 05-JUN-1995

CLASSIFICATION: 435

ATTORNEY/AGENT INFORMATION:

NAME: Garrett-Mackowski, Eugenia

REGISTRATION NUMBER: 37,330

REFERENCE/DOCKET NUMBER: 015280-229000

TELECOMMUNICATION INFORMATION:

TELEPHONE: (415) 576-0200

TELEFAX: (415) 576-0300

INFORMATION FOR SEQ ID NO: 12:

SEQUENCE CHARACTERISTICS:

LENGTH: 79 amino acids

TYPE: amino acid

STRANDEDNESS:

TOPOLOGY: linear

MOLECULE TYPE: peptide

FEATURE:

NAME/KEY: Domain

LOCATION: 1..79

OTHER INFORMATION: /note="Elk1 homologous region to

OTHER INFORMATION: ets-like ERF DNA-binding domain"

US-08-469-412A-12

Query Match 12.3%; Score 219; DB 2; Length 79;

Best Local Similarity 53.1%; Pred. No. 1.4e-14;

Matches 43; Conservative 14; Mismatches 22; Indels 2; Gaps 2;

Db 251 LMOFLKELLKPHSYGRFIRMLNKEGI-FKIEDSAOVARLGMGRKPNPNMNYDKLSRSIR 310

Db 1 LMOFLLO-LLEDOGNHIIISRTSDGEFLVDAEEVARMGLKNTNNNYDKLSRALR 59

OY 311 QYRKGIIRKPDISQRLVYOF 331

Db 60 YYDKNIIRKVS-GQKRVYKF 79

RESULT 7

US-08-469-412A-13

Sequence 13, Application US/08469412A

Patent No. 5856125

GENERAL INFORMATION:

APPLICANT: Mavrothalassitis, George J.

APPLICANT: Blair, Donald G.

APPLICANT: Fisher, Robert J.

APPLICANT: Beal Jr., Gregory J.

APPLICANT: Athanasios, Meropi A.

APPLICANT: Sgouras, Dionysios N.

TITLE OF INVENTION: The ERF Genetic Locus and Its Products

NUMBER OF SEQUENCES: 16

CORRESPONDENCE ADDRESS:

ADDRESSEE: Townsend and Townsend and Crew LLP

APPLICANT: Mavrothalassitis, George J.

APPLICANT: Blair, Donald G.

APPLICANT: Fisher, Robert J.

APPLICANT: Beal Jr., Gregory J.

APPLICANT: Athanasios, Meropi A.

APPLICANT: Sgouras, Dionysios N.

TITLE OF INVENTION: The ERF Genetic Locus and Its Products

NUMBER OF SEQUENCES: 16

CORRESPONDENCE ADDRESS:

APPLICANT: Blair, Donald G.

APPLICANT: Fisher, Robert J.

APPLICANT: Beal Jr., Gregory J.

APPLICANT: Athanasios, Meropi A.

APPLICANT: Sgouras, Dionysios N.

TITLE OF INVENTION: The ERF Genetic Locus and Its Products

NUMBER OF SEQUENCES: 16

CORRESPONDENCE ADDRESS:

ADDRESSEE: Townsend and Townsend and Crew LLP

STREET: Two Embarcadero Center, Eighth Floor

CITY: San Francisco

STATE: California

COUNTRY: USA

ZIP: 94111-3834

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: PatentIn Release #1.0, Version #1.30

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/469,412A

FILING DATE: 05-JUN-1995

CLASSIFICATION: 435

ATTORNEY/AGENT INFORMATION:

NAME: Garrett-Mackowski, Eugenia

REGISTRATION NUMBER: 37,330

REFERENCE/DOCKET NUMBER: 015280-229000

TELECOMMUNICATION INFORMATION:

TELEPHONE: (415) 576-0200

TELEFAX: (415) 576-0300

INFORMATION FOR SEQ ID NO: 13:

SEQUENCE CHARACTERISTICS:

LENGTH: 78 amino acids

TYPE: amino acid

STRANDEDNESS:

TOPOLOGY: linear

MOLECULE TYPE: peptide

FEATURE:

NAME/KEY: Domain

LOCATION: 1..78

OTHER INFORMATION: /note="Pea3 homologous region to

OTHER INFORMATION: ets-like ERF DNA-binding domain"

US-08-469-412A-13

Query Match 11.7%; Score 209.5; DB 2; Length 78;

Best Local Similarity 56.1%; Pred. No. 1.2e-13;

Matches 46; Conservative 13; Mismatches 18; Indels 5; Gaps 4;

Db 251 LMOFLKELLKPHSYGRFIRMLNKEGI-FKIEDSAOVARLGMGRKPNPNMNYDKLSRSI 309

Db 1 LMOFLVALDDP-TNAHFIAMTG--RGMEFLIEEEVARMGLQKPNPNMNYDKLSRSL 57

OY 310 RYRKGIIRKPDISQRLVYOF 331

Db 58 RYRKGIIMQV-AGERYVYKF 78

RESULT 8

US-08-469-412A-14

Sequence 14, Application US/08469412A

Patent No. 5856125

GENERAL INFORMATION:

APPLICANT: Mavrothalassitis, George J.

APPLICANT: Blair, Donald G.

APPLICANT: Fisher, Robert J.

APPLICANT: Beal Jr., Gregory J.

APPLICANT: Athanasios, Meropi A.

APPLICANT: Sgouras, Dionysios N.

TITLE OF INVENTION: The ERF Genetic Locus and Its Products

NUMBER OF SEQUENCES: 16

CORRESPONDENCE ADDRESS:

ADDRESSEE: Townsend and Townsend and Crew LLP

APPLICANT: Mavrothalassitis, George J.

APPLICANT: Blair, Donald G.

APPLICANT: Fisher, Robert J.

APPLICANT: Beal Jr., Gregory J.

APPLICANT: Athanasios, Meropi A.

APPLICANT: Sgouras, Dionysios N.

TITLE OF INVENTION: The ERF Genetic Locus and Its Products

NUMBER OF SEQUENCES: 16

CORRESPONDENCE ADDRESS:

ADDRESSEE: Townsend and Townsend and Crew LLP

APPLICANT: Mavrothalassitis, George J.

APPLICANT: Blair, Donald G.

APPLICANT: Fisher, Robert J.

APPLICANT: Beal Jr., Gregory J.

APPLICANT: Athanasios, Meropi A.

APPLICANT: Sgouras, Dionysios N.

TITLE OF INVENTION: The ERF Genetic Locus and Its Products

NUMBER OF SEQUENCES: 16

CORRESPONDENCE ADDRESS:

ADDRESSEE: Townsend and Townsend and Crew LLP

STREET: Two Embarcadero Center, Eighth Floor
CITY: San Francisco
STATE: California
COUNTRY: USA
ZIP: 94111-3834
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/469,412A
FILING DATE: 05-JUN-1995
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Garrett-Mackowski, Eugenia
REGISTRATION NUMBER: 37,330
REFERENCE/DOCKET NUMBER: 015280-229000
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 576-0300
TELEFAX: (415) 576-0200
INFORMATION FOR SEQ ID NO: 14:
SEQUENCE CHARACTERISTICS:
LENGTH: 81 amino acids
TYPE: amino acid
STRANDEDNESS:
TOPOLOGY: linear
MOLECULE TYPE: peptide
FEATURE:
NAME/KEY: Domain
LOCATION: 1..81
OTHER INFORMATION: /note="Van homologous region to
OTHER INFORMATION: etc-like ERF DNA-binding domain"
US-08-469-412A-14

Query Match 11.0%; Score 196; DB 2; Length 81;
Best Local Similarity 47.6%; Pred. No. 2,6e-12;
Matches 39; Conservative 16; Mismatches 25; Indels 2; Gaps 2;

QY 251 LMOFLKELL-KPHSYGRFIRMLNKEKGIFKIDSQAVARLAKGIRKRRPAMDKLSRSI 309
DB 1 LMOFLLOOLNDRNOKYSDLLAMKCRDTGVFKIVDPAGLAKLWGIQRNHLMSMNDKMSRAL 60
QY 310 ROYKKGIIRKPDISORLYQF 331
DB 61 RYIRVNIILKVO-GERHCTOF 81

RESULT 9
US-08-469-412A-2
Sequence 2, Application US/08469412A
Patent No. 5856125
GENERAL INFORMATION:
APPLICANT: Mavrothalasitis, George J.
APPLICANT: Blair, Donald G.
APPLICANT: Fisher, Robert J.
APPLICANT: Beal Jr., Gregory J.
APPLICANT: Athanasiou, Merope A.
APPLICANT: Sgouras, Dionysios N.
TITLE OF INVENTION: The ERF Genetic Locus and Its Products
NUMBER OF SEQUENCES: 16
CORRESPONDENCE ADDRESS:
ADDRESSEE: Townsend and Townsend and Crew LLP
STREET: Two Embarcadero Center, Eighth Floor
CITY: San Francisco
STATE: California
COUNTRY: USA
ZIP: 94111-3834
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/469,412A
FILING DATE: 05-JUN-1995
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Garrett-Mackowski, Eugenia
REGISTRATION NUMBER: 37,330
REFERENCE/DOCKET NUMBER: 015280-229000
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 576-0300
TELEFAX: (415) 576-0200
INFORMATION FOR SEQ ID NO: 2:
SEQUENCE CHARACTERISTICS:
LENGTH: 548 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: protein
US-08-469-412A-2

Query Match 10.9%; Score 194.5; DB 2; Length 548;
Best Local Similarity 47.3%; Pred. No. 7.1e-11;
Matches 43; Conservative 13; Mismatches 32; Indels 3; Gaps 3;

QY 241 DSSCGOPHLMQFLKELLKPHSYGRFIRMLNKEKGIFKIDSQAVARLAKGIRKRRPAM 300
DB 19 ESSPSRQIQIHLFIKELLRK-EYGVYIAV-QGDYGEVIVDPBVARLAKGIRKRRPOM 76
QY 301 NYDKLSRSIRQYKKGIRKPDISORLYQF 331
DB 77 NYDKLSRALRYNNRILKTR-GRKFTYKF 106

RESULT 10
US-08-469-412A-7
Sequence 7, Application US/08469412A
Patent No. 5856125
GENERAL INFORMATION:
APPLICANT: Mavrothalasitis, George J.
APPLICANT: Blair, Donald G.
APPLICANT: Fisher, Robert J.
APPLICANT: Beal Jr., Gregory J.
APPLICANT: Athanasiou, Merope A.
APPLICANT: Sgouras, Dionysios N.
TITLE OF INVENTION: The ERF Genetic Locus and Its Products
NUMBER OF SEQUENCES: 16
CORRESPONDENCE ADDRESS:
ADDRESSEE: Townsend and Townsend and Crew LLP
STREET: Two Embarcadero Center, Eighth Floor
CITY: San Francisco
STATE: California
COUNTRY: USA
ZIP: 94111-3834
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/469,412A
FILING DATE: 05-JUN-1995
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Garrett-Mackowski, Eugenia
REGISTRATION NUMBER: 37,330
REFERENCE/DOCKET NUMBER: 015280-229000
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 576-0300
TELEFAX: (415) 576-0200
INFORMATION FOR SEQ ID NO: 7:
SEQUENCE CHARACTERISTICS:
LENGTH: 543 amino acids

TYPE: amino acid
STRANDEDNESS:
TOPOLOGY: linear
MOLECULE TYPE: protein
FEATURE:
NAME/KEY: Protein
LOCATION: 1..543
OTHER INFORMATION: (first 8 amino acids from first exon not included)
US-08-469-412A-7

Query Match 10.9%; Score 194.5; DB 2; Length 543;
Best Local Similarity 47.3%; Pred. No. 7e-11;
Matches 43; Conservative 13; Mismatches 32; Indels 3; Gaps 3;

OY 241 DSSCGPIHMOFLKELLPHSYGRFIRLNKKGIFKIEDSAQVARIKRGIRKRPAM 300
DB 11 ESSPGSROIWMHFLLELRK-EEYQVIAW-QGDYGEFVKDPDEVARLMGVKRCRPM 68

OY 301 NYDKLSRSIROYYKKGIIRKPIDISQRLVYOF 331
DB 69 NYDKLSRALRYYYNKRILMKTK-GKRFTYKF 98

RESULT 11

US-08-469-412A-10
Sequence 10, Application US/08469412A
Patent No. 5856125

GENERAL INFORMATION:
APPLICANT: Mavrothalassitis, George J.
APPLICANT: Blair, Donald G.
APPLICANT: Fisher, Robert J.
APPLICANT: Beal Jr., Gregory J.
APPLICANT: Athanasiou, Meropi A.
APPLICANT: Sgouras, Dionysios N.
TITLE OF INVENTION: The ERF Genetic Locus and Its Products
NUMBER OF SEQUENCES: 16
CORRESPONDENCE ADDRESS:
ADDRESSEE: Townsend and Townsend and Crew LLP
STREET: Two Embarcadero Center, Eighth Floor
CITY: San Francisco
STATE: California
COUNTRY: USA

ZIP: 94111-3834
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/469,412A
FILING DATE: 05-JUN-1995
CLASSIFICATION: 435

ATTORNEY/AGENT INFORMATION:
NAME: Garrett-Wackowski, Eugenia
REGISTRATION NUMBER: 37,330
REFERENCE/DOCKET NUMBER: 015280-229000
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 576-0200
TELEFAX: (415) 576-0300
INFORMATION FOR SEQ ID NO: 10:
SEQUENCE CHARACTERISTICS:
LENGTH: 78 amino acids
TYPE: amino acid
STRANDEDNESS:

TOPOLOGY: linear
MOLECULE TYPE: peptide
FEATURE:
NAME/KEY: Domain
LOCATION: 1..78
OTHER INFORMATION: /note- "ets-like ERF DNA-binding domain"

US-08-469-412A-10

Query Match 10.3%; Score 183.5; DB 2; Length 78;
Best Local Similarity 49.4%; Pred. No. 4.2e-11;
Matches 40; Conservative 11; Mismatches 27; Indels 3; Gaps 3;

OY 251 LMWFLKELLKPHSYGRFIRLNKKGIFKIEDSAQVARIKRGIRKRPAMNYDKLSRSIR 310
DB 1 LMHFILELLRK-EEYQVIAW-QGDYGEFVKDPDEVARLMGVKRCRPMNYDKLSRALR 58

OY 311 OYKKGIIRKPIDISQRLVYOF 331
DB 59 YYNKRILMKTK-GKRFTYKF 78

RESULT 12

US-08-469-412A-11
Sequence 11, Application US/08469412A
Patent No. 5856125

GENERAL INFORMATION:
APPLICANT: Mavrothalassitis, George J.
APPLICANT: Blair, Donald G.
APPLICANT: Fisher, Robert J.
APPLICANT: Beal Jr., Gregory J.
APPLICANT: Athanasiou, Meropi A.
APPLICANT: Sgouras, Dionysios N.
TITLE OF INVENTION: The ERF Genetic Locus and Its Products
NUMBER OF SEQUENCES: 16
CORRESPONDENCE ADDRESS:
ADDRESSEE: Townsend and Townsend and Crew LLP
STREET: Two Embarcadero Center, Eighth Floor
CITY: San Francisco
STATE: California
COUNTRY: USA

ZIP: 94111-3834
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/469,412A
FILING DATE: 05-JUN-1995
CLASSIFICATION: 435

ATTORNEY/AGENT INFORMATION:
NAME: Garrett-Wackowski, Eugenia
REGISTRATION NUMBER: 37,330
REFERENCE/DOCKET NUMBER: 015280-229000
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 576-0200
TELEFAX: (415) 576-0300
INFORMATION FOR SEQ ID NO: 11:
SEQUENCE CHARACTERISTICS:
LENGTH: 78 amino acids
TYPE: amino acid
STRANDEDNESS:

TOPOLOGY: linear
MOLECULE TYPE: peptide
FEATURE:
NAME/KEY: Domain
LOCATION: 1..78
OTHER INFORMATION: /note- "ETS1 homologous region to ets-like ERF DNA-binding domain"

US-08-469-412A-11

Query Match 10.2%; Score 182.5; DB 2; Length 78;
Best Local Similarity 51.9%; Pred. No. 5.2e-11;
Matches 42; Conservative 8; Mismatches 28; Indels 3; Gaps 3;

OY 251 LMWFLKELLKPHSYGRFIRLNKKGIFKIEDSAQVARIKRGIRKRPAMNYDKLSRSIR 310
DB 1 LMHFILELLRK-EEYQVIAW-QGDYGEFVKDPDEVARLMGVKRCRPMNYDKLSRALR 58

DB 1 LWOFLLE-LITDKSCOSFISMTG-DGWEPKLSDPDEVARRMGRKRNKPMNYEKLRSGLR 58
QY 311 OYKKGIIIRKPDISOQLVYOF 331
DB 59 YYDKNIHK-TAGKRYVRF 78

RESULT 13

US-08-469-412A-16
Sequence 16, Application US/08469412A
Patent No. 5856125
GENERAL INFORMATION:
APPLICANT: Mavrothalassitis, George J.
APPLICANT: Blair, Donald G.
APPLICANT: Fisher, Robert J.
APPLICANT: Beal Jr., Gregory J.
APPLICANT: Athanasiou, Metropi A.
APPLICANT: Sgouras, Dionysios N.
TITLE OF INVENTION: The ERF Genetic Locus and Its Products
NUMBER OF SEQUENCES: 16
CORRESPONDENCE ADDRESS:
ADDRESSEE: Townsend and Townsend and Crew LLP
STREET: Two Embarcadero Center, Eighth Floor
CITY: San Francisco
STATE: California
COUNTRY: USA
ZIP: 94111-3834
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/469,412A
FILING DATE: 05-JUN-1995
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Garrett-Mackowski, Eugenia
REGISTRATION NUMBER: 37,330
REFERENCE/DOCKET NUMBER: 015280-229000
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 576-0200
TELEFAX: (415) 576-0300
INFORMATION FOR SEQ ID NO: 16:
SEQUENCE CHARACTERISTICS:
LENGTH: 81 amino acids
TYPE: amino acid
STRANDEDNESS:
TOPOLOGY: linear
MOLECULE TYPE: peptide
FEATURE:
NAME/KEY: Domain
LOCATION: 1..81
OTHER INFORMATION: /note= "Pu.1 homologous region to
OTHER INFORMATION: ets-like ERF DNA-binding domain"
US-08-469-412A-16

Query Match 7.6%; Score 136; DB 2; Length 81;
Best Local Similarity 38.1%; Pred. No. 2e-06;
Matches 32; Conservative 19; Mismatches 27; Indels 6; Gaps 4;

QY 251 LWOFLLELLKPHSYGRFRIMUNKENGIRFKIEDSAQ--VARLWGIRK-NRPAMNDKLSR 307
DB 1 LWOFLLE-LLRSGDKMDSIMWVWDKGTIOSSKHEKLAHKGWIOKGRKRTYOKAR 59
QY 308 SIROYKKGIIIRKPDISOQLVYOF 331
DB 60 ALRWNGKTGEVKK--VKKLTIOF 81

RESULT 14
US-07-853-913-4

Sequence 4, Application US/07853913
Patent No. 5338839
GENERAL INFORMATION:
APPLICANT: McKay, Ronald D.G.
APPLICANT: Lendahl, Urban
TITLE OF INVENTION: Nestin Expression As An Indicator of
TITLE OF INVENTION: Neuroepithelial Tumors
NUMBER OF SEQUENCES: 4
CORRESPONDENCE ADDRESS:
ADDRESSEE: Hamilton, Brook, Smith & Reynolds, P.C.
STREET: Two Millia Drive
CITY: Lexington
STATE: Massachusetts
COUNTRY: U.S.A.
ZIP: 02173
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/07/853,913
FILING DATE: 19920319
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/660,412
FILING DATE: 22-FEB-1991
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/603,803
FILING DATE: 25-OCT-1990
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/201,762
FILING DATE: 02-JUN-1988
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/180,548
ATTORNEY/AGENT INFORMATION:
NAME: Granahan, Patricia
REGISTRATION NUMBER: 32,227
REFERENCE/DOCKET NUMBER: MIT-4641AAAA
TELECOMMUNICATION INFORMATION:
TELEPHONE: 617-861-9540
TELEFAX: 617-861-6240
INFORMATION FOR SEQ ID NO: 4:
SEQUENCE CHARACTERISTICS:
LENGTH: 1618 amino acids
TYPE: AMINO ACID
TOPOLOGY: linear
MOLECULE TYPE: protein
US-07-853-913-4

Query Match 5.5%; Score 99; DB 1; Length 1618;
Best Local Similarity 21.7%; Pred. No. 0.86;
Matches 72; Conservative 38; Mismatches 110; Indels 112; Gaps 16;

QY 19 PPDTSRTGLEAAAGAGLERD-----WSPSPATPPGGLASAFLSFDMIPRDS 71
DB 1188 PAETLGHGTSDAPSPWPJGSEAEEDVPPVLVSPRYTP-----ILSD- 1232
QY 72 SWAAPAPGASSSEEPPEOCPIVDSOAPAGSLDL-----VPGGLTLE-EHSLEQ 121
DB 1232 -----APGLQPAQBSQSASW--GVQAGAAEAGKVESBEELGSGEIPGDLBEGESNEE 1284
QY 122 VOSAVVGEVLADIEYACKLNLITADPMDW---SPSNVOKMLMTEHOYRLPPMKAROE- 178
DB 1285 SEEDLGETLPD-----STPLGFYLRSPSPR-----WTPLESRGHPLKETGREG 1329
QY 178 -----LA-----GKELCAMSEEPFRORSPLG-----GD 200
DB 1330 WDPAYLASBGLPEPSEKKEGEGEGEGCGRSDLSSEFFDLGTAPFLPGVGEVAEPGQ 1369
QY 201 VLHAHLDIWKSAAWMEKRTSPGAIHYCASTSESWTDSVDSSCGQP--ILWQFLKELL 259

Db 1390 VPQLLD---PAAMRDGESDQ-----FADEESGEERGEEDQEGRGAGRWG----- 1436
QY 260 LKPHSYGRFIRWLNKKGKIKIEDSAQVAPLM 291
Db 1436 -PGSSVGSLOALSSORGEFLESQSVSVPM 1466

RESULT 15

US-08-700-607-5
; Sequence 5, Application US/08700607
; Patent No. 5858708
; GENERAL INFORMATION:
; APPLICANT: Bandman, Olga
; APPLICANT: Au-Young, Janice
; APPLICANT: Goli, Surya K.
; APPLICANT: Hillman, Jennifer L.
; TITLE OF INVENTION: TWO NOVEL HUMAN NSP-LIKE PROTEINS
; NUMBER OF SEQUENCES: 9
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Incyte Pharmaceuticals, Inc.
; STREET: 3174 Porter Drive
; CITY: Palo Alto
; STATE: CA
; COUNTRY: U.S.
; ZIP: 94304
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS
; SOFTWARE: FASTSEQ Version 1.5
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/700,607
; FILING DATE: Filed Herewith
; ATTORNEY/AGENT INFORMATION:
; NAME: Billings, Lucy J.
; REGISTRATION NUMBER: 36,749
; REFERENCE/DOCKET NUMBER: PF-0114 US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 415-855-0555
; TELEFAX: 415-845-4166
; INFORMATION FOR SEQ ID NO: 5:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 776 amino acids
; TYPE: amino acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: peptide
; IMMEDIATE SOURCE:
; LIBRARY: GenBank
; CLONE: 307307
; US-08-700-607-5

Query Match 5.4%; Score 96; DB 2; Length 776;
Best Local Similarity 25.1%; Pred. No. 0.54;
Matches 67; Conservative 34; Mismatches 90; Indels 76; Gaps 17;

QY 2 GSASGPLSS---VSPSHLLPPTVSTGLEKAAAGVGL-ERRDWSPPSPATPEQGLS 56
Db 45 GEPSPGLDARAREASRAGSGPAROSPVAMETASTGVAGYSAMDHTFS--TTSKDEG 102
QY 57 AFYLSYF-DMLYP--EDSSW---AAKAPGASREPEPEPEQCPVIDSQAPAGSLDLP 109
Db 103 SCYTSLSIDICYPPQEDSTYFTGILQKENGHTISESPEE-----LGTGSPSLPDVP 154
QY 110 G-----GLLLEHSLDQ--VQSMYGEVLLKDIETACKLINTADPMDWSPSNQKMLMT- 163
Db 155 GIESRGLEFSSSGLEMTPESTEVNKL-----ADPLDMKAEAYKYIDYTR 201
QY 163 ---EHQYRLPPMGKAFQELAGKEI-----CAMSEEQPRO---RSPLGQDYLHAHLD 207
Db 202 PEVYKHQEQHNP-----ELEDKDLDFKNNKDTDISINPEGVREPDKAPAYEGKIHKDHL- 255

QY 208 LKSAAMKERT-SPGALHYCASTSEE 233
Db 255 -----LEESTFAP-----YIDDLSEE 270

Search completed: November 21, 1999, 11:10:46
Job time: 5084 sec

Db 192 ---KGNITYMEFLDLDDKNTCPRTIKMTQREKGIKFLVDSKAVSKLGMKHKPKPMN 248
QY 302 YDKLSIRIOYKKGIRKPDISOQLVYOF 331
Db 249 YETMGRAIRYORGILAKVE-GORLVYOF 277

RESULT 2
US-08-368-281-2
Sequence 2, Application US/08368281
Patent No. 5721113
GENERAL INFORMATION:
APPLICANT: Libermann, Towla A
APPLICANT: Oetigen, Joerg P
APPLICANT: Kunsch, Charles A
TITLE OF INVENTION: NERF Genes
NUMBER OF SEQUENCES: 9
CORRESPONDENCE ADDRESS:
ADDRESSEE: SmithKline Beecham Corporation
STREET: 709 Swedeland Road
CITY: King of Prussia
STATE: Pennsylvania
COUNTRY: USA
ZIP: 19406
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/368,281
FILING DATE:
CLASSIFICATION: 424
ATTORNEY/AGENT INFORMATION:
NAME: Baumeister, Kirk
REGISTRATION NUMBER: 33,833
TELECOMMUNICATION INFORMATION:
TELEPHONE: 610-270-5096
TELEFAX: 610-270-5090
INFORMATION FOR SEQ ID NO: 2:
SEQUENCE CHARACTERISTICS:
LENGTH: 521 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: protein
US-08-368-281-2

Query Match 13.6%; Score 242; DB 1; Length 521;
Best Local Similarity 25.3%; Pred. No. 1.4e-15;
Matches 66; Conservative 45; Mismatches 72; Indels 78; Gaps 8;

QY 99 QAPGSGDIYVPGGLLEHNS-----LEOVQSNVYGE---VLKD----- 134
Db 7 EGPINQDILLIRAEVASHSSNAHCTDKITEAEFALLHMSPTCLDSSPEFIHAAMP 66
QY 134 ---IETACKLNTITADPMQSPNVQKWLMTLTHOYRLPMPGKAPQELAGKELCANSEEQ 190
Db 67 DVITETVEVSTESSEMTSP-----IFSPSHPEPMKKR---VGRRP 108
QY 191 FROSPGIGVLAHNDIKMSAAMKERTSPGAIHVCASTSESWTDSVSSGQPIH 250
Db 109 KTOOSPISSNG-----SPELGIKKKPREG-----KGNITY 137
QY 251 LMQFLKELDKPHSYGRFTIWLKKEGIFKIDESAQVAYALMGRKRPAMNTDKLSRIR 310
Db 138 LMFLDLDDKNTCPRTIKMTQREKGIKFLVDSKAVSKLGMKHKPKPMN 197
QY 311 QYKKGIRKPDISOQLVYOF 331
Db 198 YETMGRAIRYORGILAKVE-GORLVYOF 217

US-08-746-789A-2
Sequence 2, Application US/08746789A
Patent No. 5789200
GENERAL INFORMATION:
APPLICANT: Ismail Kola, Martin J. Tyms, Christine DeBouck
TITLE OF INVENTION: A No. 5789200el Human ETS Family Member, ELF3
NUMBER OF SEQUENCES: 4
CORRESPONDENCE ADDRESS:
ADDRESSEE: SmithKline Beecham Corporation
STREET: 709 Swedeland Road, P.O. Box 1539
CITY: King of Prussia
STATE: PA
COUNTRY: USA
ZIP: 19406-0939
COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB STORAGE
COMPUTER: IBM 486
OPERATING SYSTEM: WINDOWS FOR WORKGROUPS
SOFTWARE: MICROSOFT WORD
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/746,789A
FILING DATE: No. 5789200ember 15, 1996
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: William T. Han
REGISTRATION NUMBER: 34,344
REFERENCE/DOCKET NUMBER: ATG 50024
TELECOMMUNICATION INFORMATION:
TELEPHONE: 610 270 5219
TELEFAX: 610 270 4026
INFORMATION FOR SEQ ID NO: 2:
SEQUENCE CHARACTERISTICS:
LENGTH: 371
TYPE: Amino Acid
TOPOLOGY: linear
US-08-746-789A-2

Query Match 13.5%; Score 240.5; DB 2; Length 371;
Best Local Similarity 22.4%; Pred. No. 1.2e-15;
Matches 87; Conservative 55; Mismatches 95; Indels 151; Gaps 15;

QY 55 LSATLSTFDMLYPEDSSMAAKAPGASSREPEPEPCPVIDSOAPAGSLDVLVPGGLTL 114
Db 7 ISNTISNFSAMYSSEDSYLA5VPPATFFAD-----DLV---LTL 44
QY 115 E--EHSLEQVO-SMWGEVYAKDIETACKLNTITADPMQSPNVQKWLMTL-TEHOYRLP 169
Db 45 SNPQMSLEGTETKAWLGE-----QPFWSKTQVLDWISOVEYKKNRYDAS 88
QY 170 PMKRAFOELAGKELCANSEQFR-QRSPLGQVLAHNL-DIWRSA---AMW----- 216
Db 89 AIDPSRCDMGATLGNALIELRLVFGPL-GDQLHQLRLTSSSDDELSTWIELLEKDG 147
QY 216 ---KERTSPGAIHVCASTSESWTDSVDS---SCS----- 246
Db 148 MAFOEALDPCFPDGGSPFOELDDGQASPYHPGSCGAGAPSPGSSDVSTAGTASRSS 207
QY 246 ---GQP----- 249
Db 208 HSSDSSGSDVDLDPDTGKLPSPDGFDDCKKDPKHKRKRGRPRKLSKTYWDCLEGGSK 267
QY 249 ---IHWQFLKELDKPHSYGRFTIWLKKEGIFKIDESAQVAYALMGRKRPAMNTDKLSRIR 303
Db 268 HAPRGTHLMEFIDILIHPELNEGLMKWENRHEGVKFLRSEAVAQWQKKKNSNMYTE 327
QY 304 KLSRSIRIOYKKGIRKPDISOQLVYOF 331

Db 483 -AGERYVYKFV 492

RESULT 5

US-08-469-412A-12
Sequence 12, Application US/08469412A
Patent No. 5856125

GENERAL INFORMATION:
APPLICANT: Mavrothalassitis, George J.
APPLICANT: Blair, Donald G.
APPLICANT: Fisher, Robert J.
APPLICANT: Beal Jr., Gregory J.
APPLICANT: Athanasios, Meropi A.
APPLICANT: Sgouras, Dionysios N.
TITLE OF INVENTION: The ERF Genetic Locus and Its Products
NUMBER OF SEQUENCES: 16
CORRESPONDENCE ADDRESS:
ADDRESSEE: Townsend and Townsend and Crew LLP
STREET: Two Embarcadero Center, Eighth Floor
CITY: San Francisco
STATE: California
COUNTRY: USA
ZIP: 94111-3834

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/469,412A
FILING DATE: 05-JUN-1995
CLASSIFICATION: 435

ATTORNEY/AGENT INFORMATION:

NAME: Garrett-Mackowski, Eugenia
REGISTRATION NUMBER: 37,330
REFERENCE/DOCKET NUMBER: 015280-229000

TELECOMMUNICATION INFORMATION:

TELEPHONE: (415) 576-0200
TELEFAX: (415) 576-0300

INFORMATION FOR SEQ ID NO: 12:

SEQUENCE CHARACTERISTICS:
LENGTH: 79 amino acids
TYPE: amino acid
STRANDEDNESS:

MOLECULE TYPE: linear

FEATURE:

NAME/KEY: Domain

LOCATION: 1..79

OTHER INFORMATION: /note= "ELK1 homologous region to

OTHER INFORMATION: ets-like ERF DNA-binding domain"

US-08-469-412A-12

Query Match 12.3%; Score 219; DB 2; Length 79;
Best Local Similarity 53.1%; Pred. No. 1.4e-14;
Matches 43; Conservative 14; Mismatches 22; Indels 2; Gaps 2;

QY 251 LMWFLKELLKPHSYGRFIRWLNKKEGIFKIEDSAQVRLMGIRKNRPANMYDKLSRSIR 310

DB 1 LMWFLQ-LTNEQNGHITSTSDGGEFKLVDAEVARLWGIRKNRTNNMYDKLSRALR 59

QY 311 QYKKGIRKPDISQRLVYQF 331

DB 60 YYDKNIIRKVS-GQKEVYKF 79

RESULT 7

US-08-469-412A-13
Sequence 13, Application US/08469412A
Patent No. 5856125

GENERAL INFORMATION:
APPLICANT: Mavrothalassitis, George J.

APPLICANT: Blair, Donald G.

APPLICANT: Fisher, Robert J.

APPLICANT: Beal Jr., Gregory J.

APPLICANT: Athanasios, Meropi A.

APPLICANT: Sgouras, Dionysios N.

TITLE OF INVENTION: The ERF Genetic Locus and Its Products

NUMBER OF SEQUENCES: 16

CORRESPONDENCE ADDRESS:

ADDRESSEE: Townsend and Townsend and Crew LLP

STREET: Two Embarcadero Center, Eighth Floor

CITY: San Francisco

STATE: California

COUNTRY: USA

ZIP: 94111-3834

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: PatentIn Release #1.0, Version #1.30

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/469,412A

FILING DATE: 05-JUN-1995

CLASSIFICATION: 435

ATTORNEY/AGENT INFORMATION:

NAME: Garrett-Mackowski, Eugenia

REGISTRATION NUMBER: 37,330

REFERENCE/DOCKET NUMBER: 015280-229000

TELECOMMUNICATION INFORMATION:

TELEPHONE: (415) 576-0200

TELEFAX: (415) 576-0300

INFORMATION FOR SEQ ID NO: 13:

SEQUENCE CHARACTERISTICS:

LENGTH: 78 amino acids

TYPE: amino acid

STRANDEDNESS:

MOLECULE TYPE: linear

FEATURE:

NAME/KEY: Domain

LOCATION: 1..78

OTHER INFORMATION: /note= "Pea3 homologous region to

OTHER INFORMATION: ets-like ERF DNA-binding domain"

US-08-469-412A-13

Query Match 11.7%; Score 209.5; DB 2; Length 78;
Best Local Similarity 56.1%; Pred. No. 1.2e-13;
Matches 46; Conservative 13; Mismatches 18; Indels 5; Gaps 4;

QY 251 LMWFLKELLKPHSYGRFIRWLNKKEGIFKIEDSAQVRLMGIRKNRPANMYDKLSRSI 309

DB 1 LMWFLVALLDDP-TNHFIAWTG--RGMEFKLIEEVEVARLWGIRKNRPANMYDKLSRSL 57

QY 310 ROYKKGIRKPDISQRLVYQF 331

DB 58 RYYENGIMQKV-AGERVYKF 78

RESULT 8

US-08-469-412A-14
Sequence 14, Application US/08469412A
Patent No. 5856125

GENERAL INFORMATION:
APPLICANT: Mavrothalassitis, George J.

APPLICANT: Blair, Donald G.

APPLICANT: Fisher, Robert J.

APPLICANT: Beal Jr., Gregory J.

APPLICANT: Athanasios, Meropi A.

APPLICANT: Sgouras, Dionysios N.

TITLE OF INVENTION: The ERF Genetic Locus and Its Products

NUMBER OF SEQUENCES: 16

CORRESPONDENCE ADDRESS:

ADDRESSEE: Townsend and Townsend and Crew LLP

TYPE: amino acid
STRANDEDNESS:
TOPOLOGY: linear
MOLECULE TYPE: protein
FEATURE:
NAME/KEY: Protein
LOCATION: 1..543
OTHER INFORMATION: /note- "murine erf amino acid sequence
OTHER INFORMATION: (first 8 amino acids from first exon not
US-08-469-412A-7 included)"

Query Match 10.9%; Score 194.5; DB 2; Length 543;
Best Local Similarity 47.3%; Pred. No. 7e-11;
Matches 43; Conservative 13; Mismatches 32; Indels 3; Gaps 3;

QY 241 DSSGSCPIHLMQFLKLLKPHSYGRFIRMLNKGIFKIEDSAQVARIKRNRPAM 300
DB 11 ESSFGSRQIDLMHFIKLLRK-EYOGVIAW-OGDYGEFVYKDPDEVARLMGVKCKPQM 68
QY 301 NYDKLSRIRQYKKGIRKPDISORLYVOF 331
DB 69 NYDKLSRALRYYNKRLIKTK-GKRFYTKF 98

RESULT 11
US-08-469-412A-10
Sequence 10, Application US/08469412A
Patent No. 5856125
GENERAL INFORMATION:
APPLICANT: Mavrothalassitis, George J.
APPLICANT: Blair, Donald G.
APPLICANT: Fisher, Robert J.
APPLICANT: Beal Jr., Gregory J.
APPLICANT: Athanaslou, Meropi A.
APPLICANT: Sgouras, Dionysios N.
TITLE OF INVENTION: The erf genetic locus and its products
NUMBER OF SEQUENCES: 16
CORRESPONDENCE ADDRESS:
ADDRESSEE: Townsend and Townsend and Crew LLP
STREET: Two Embarcadero Center, Eighth Floor
CITY: San Francisco
STATE: California
COUNTRY: USA
ZIP: 94111-3834
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/469,412A
FILING DATE: 05-JUN-1995
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Garrett-Wackowski, Eugenia
REGISTRATION NUMBER: 37,330
REFERENCE/DOCKET NUMBER: 015280-229000
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 576-0200
TELEFAX: (415) 576-0300
INFORMATION FOR SEQ ID NO: 10:
SEQUENCE CHARACTERISTICS:
LENGTH: 78 amino acids
TYPE: amino acid
STRANDEDNESS:
TOPOLOGY: linear
MOLECULE TYPE: peptide
FEATURE:
NAME/KEY: Domain
LOCATION: 1..78
OTHER INFORMATION: /note- "ets-like erf dna-binding domain"

US-08-469-412A-10

Query Match 10.3%; Score 183.5; DB 2; Length 78;
Best Local Similarity 49.4%; Pred. No. 4.2e-11;
Matches 40; Conservative 11; Mismatches 27; Indels 3; Gaps 3;

QY 251 LMQFLKLLKPHSYGRFIRMLNKGIFKIEDSAQVARIKRNRPAMNYDKLSRIR 310
DB 1 LMHFIKLLRK-EYOGVIAW-OGDYGEFVYKDPDEVARLMGVKCKPQNNYDKLSRIR 58
QY 311 OYKKGIRKPDISORLYVOF 331
DB 59 YYNKRILIKTK-GKRFYTKF 78

RESULT 12
US-08-469-412A-11
Sequence 11, Application US/08469412A
Patent No. 5856125
GENERAL INFORMATION:
APPLICANT: Mavrothalassitis, George J.
APPLICANT: Blair, Donald G.
APPLICANT: Fisher, Robert J.
APPLICANT: Beal Jr., Gregory J.
APPLICANT: Athanaslou, Meropi A.
APPLICANT: Sgouras, Dionysios N.
TITLE OF INVENTION: The erf genetic locus and its products
NUMBER OF SEQUENCES: 16
CORRESPONDENCE ADDRESS:
ADDRESSEE: Townsend and Townsend and Crew LLP
STREET: Two Embarcadero Center, Eighth Floor
CITY: San Francisco
STATE: California
COUNTRY: USA
ZIP: 94111-3834
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/469,412A
FILING DATE: 05-JUN-1995
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Garrett-Wackowski, Eugenia
REGISTRATION NUMBER: 37,330
REFERENCE/DOCKET NUMBER: 015280-229000
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 576-0200
TELEFAX: (415) 576-0300
INFORMATION FOR SEQ ID NO: 11:
SEQUENCE CHARACTERISTICS:
LENGTH: 78 amino acids
TYPE: amino acid
STRANDEDNESS:
TOPOLOGY: linear
MOLECULE TYPE: peptide
FEATURE:
NAME/KEY: Domain
LOCATION: 1..78
OTHER INFORMATION: /note- "ETS1 homologous region to
ets-like erf dna-binding domain"

US-08-469-412A-11

Query Match 10.2%; Score 182.5; DB 2; Length 78;
Best Local Similarity 51.9%; Pred. No. 5.2e-11;
Matches 42; Conservative 8; Mismatches 28; Indels 3; Gaps 3;

QY 251 LMQFLKLLKPHSYGRFIRMLNKGIFKIEDSAQVARIKRNRPAMNYDKLSRIR 310
DB 1 LMHFIKLLRK-EYOGVIAW-OGDYGEFVYKDPDEVARLMGVKCKPQNNYDKLSRIR 58

Db 1 LMOFLLE-LITDKSCOSFISWTG-DGWEFKLSDPDEVARMRGKRKMKMYEKLRSGLR 58
OY 311 OYKKGIIRKPDISORLYOYF 331
Db 59 YYDKNIIRK-TAGRRYVRF 78

RESULT 13.

US-08-469-412A-16
Sequence 16, Application US/08469412A
Patent No. 5856125
GENERAL INFORMATION:
APPLICANT: Mavrothalassitis, George J.
APPLICANT: Blair, Donald G.
APPLICANT: Fisher, Robert J.
APPLICANT: Beal Jr., Gregory J.
APPLICANT: Athanasiou, Meropi A.
APPLICANT: Sgouras, Dionysios N.
TITLE OF INVENTION: The ERF Genetic Locus and Its Products
NUMBER OF SEQUENCES: 16
CORRESPONDENCE ADDRESS:
ADDRESSEE: Townsend and Townsend and Crew LLP
STREET: Two Embarcadero Center, Eighth Floor
CITY: San Francisco
STATE: California
COUNTRY: USA
ZIP: 94111-3834
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/469,412A
FILING DATE: 05-JUN-1995
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Garrett-Mackowski, Eugene A
REGISTRATION NUMBER: 37,330
REFERENCE/DOCKET NUMBER: 015280-229000
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 576-0200
TELEFAX: (415) 576-0300
INFORMATION FOR SEQ ID NO: 16:
SEQUENCE CHARACTERISTICS:
LENGTH: 81 amino acids
TYPE: amino acid
STRANDEDNESS:
TOPOLOGY: linear
MOLECULE TYPE: peptide
FEATURE:
NAME/KEY: Domain
LOCATION: 1..81
OTHER INFORMATION: /note="Pu.1 homologous region to
OTHER INFORMATION: ets-like ERF DNA-binding domain"
US-08-469-412A-16

Query Match 7.6%, Score 136, DB 2, Length 81:
Best Local Similarity 38.1%, Pred. No. 2e-06;
Matches 32; Conservative 19; Mismatches 27; Indels 6; Gaps 4;

OY 251 LMOFLLELLKHSYGRFRMLNKEGIFKIDSAO--VARLMGIRK-NRPAMNYDKLSR 307
Db 1 LYOFLLD-LRSGDKKDSIMWYDKDKGTFOSSKHKELALHRWGIQGNRKMTYQKMAR 59
OY 308 SIRQYKGIIRKPDISORLYOYF 331
Db 60 ALRNGYKTGEVKK--VKKKLTIOYF 81

RESULT 14
US-07-853-913-4

Sequence 4, Application US/07853913
Patent No. 5338839
GENERAL INFORMATION:
APPLICANT: McKay, Ronald D.G.
APPLICANT: Lendahl, Urban
TITLE OF INVENTION: Nestin Expression As An Indicator of
Neuroepithelial Tumors
NUMBER OF SEQUENCES: 4
CORRESPONDENCE ADDRESS:
ADDRESSEE: Hamilton, Brook, Smith & Reynolds, P.C.
STREET: Two Millia Drive
CITY: Lexington
STATE: Massachusetts
COUNTRY: U.S.A.
ZIP: 02173
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/07/853,913
FILING DATE: 19920319
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/660,412
FILING DATE: 22-FEB-1991
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/603,803
FILING DATE: 25-OCT-1990
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/201,762
FILING DATE: 02-JUN-1988
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/180,548
ATTORNEY/AGENT INFORMATION:
NAME: Granahan, Patricia
REGISTRATION NUMBER: 32,227
REFERENCE/DOCKET NUMBER: MIT-4641AAAA
TELECOMMUNICATION INFORMATION:
TELEPHONE: 617-861-6240
TELEFAX: 617-861-9540
INFORMATION FOR SEQ ID NO: 4:
SEQUENCE CHARACTERISTICS:
LENGTH: 1618 amino acids
TYPE: AMINO ACID
TOPOLOGY: linear
MOLECULE TYPE: protein
US-07-853-913-4

Query Match 5.5%, Score 99, DB 1, Length 1618:
Best Local Similarity 21.7%, Pred. No. 0.86;
Matches 72; Conservative 38; Mismatches 110; Indels 112; Gaps 16;

OY 19 PPDYVSRTEGLEKAAAGAVLERD-----WSPSPATPEQGLSAFYLSYFDMLYPEDS 71
Db 1188 PARIHTGHTGSDAPSPWPLGSEAEEDYPPVLVSPSPRTY-----ILED- 1232
OY 72 SWAKAPGASSREPPPEPECCPYIDSOAPAGSLD-----VPGGLTLE-EHSLEQ 121
Db 1232 -----APGLQPAEGSGASW--GVQRAEAGKVESEGEELGSEIPEGLDEGEESREE 1284
OY 122 VQSMVGVGLVDIEACLLNITADPKMW---SPSNVQKMLNTEHQRRLPPMKAPQE- 178
Db 1285 SEDELGETLPD-----STPLGFLYLRSPSPR---WTPLESRGHPLETKREG 1329
OY 178 -----LA-----GKELCAMSEQFRORSPLG-----GD 200
Db 1330 WDPAVLASGELEPSEKEGEGEGEGEGCGRSDLSFEFDLOTAPFLPGVPGVEVAEPGQ 1369
OY 201 VLHMLDIWKSAMWKERTSPGAHYCASTSESWTSEVDSSCGQP-IHLMOFLLELL 259

Db 1390 VPQLLD---PAMDRDGSDDG-----FADEESGEGEEDDEGREGPAGRWG----- 1436
 QY 260 LRPHTGRTIRNLNKEGIFKIEDSAQVRLW 291
 Db 1436 -PGSSVGSLOALSSRGEGFLESYSVSPW 1466

RESULT 15

US-08-700-607-5
 ; Sequence 5, Application US/08700607
 ; Patent No. 5858708
 ; GENERAL INFORMATION:
 ; APPLICANT: Bandman, Olga
 ; APPLICANT: Au-Young, Janice
 ; APPLICANT: Goli, Surya K.
 ; APPLICANT: Hillman, Jennifer L.
 ; TITLE OF INVENTION: TWO NOVEL HUMAN NSP-LIKE PROTEINS
 ; NUMBER OF SEQUENCES: 9
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: Incyte Pharmaceuticals, Inc.
 ; STREET: 3174 Porter Drive
 ; CITY: Palo Alto
 ; STATE: CA
 ; COUNTRY: U.S.
 ; ZIP: 94304
 ; COMPUTER READABLE FORM:
 ; MEDIUM TYPE: Diskette
 ; COMPUTER: IBM Compatible
 ; OPERATING SYSTEM: DOS
 ; SOFTWARE: FASTSEQ Version 1.5
 ; CURRENT APPLICATION DATA:
 ; APPLICATION NUMBER: US/08/700,607
 ; FILING DATE: Filed Herewith
 ; ATTORNEY/AGENT INFORMATION:
 ; NAME: Billings, Lucy J.
 ; REGISTRATION NUMBER: 36,749
 ; REFERENCE/DOCKET NUMBER: PF-0114 US
 ; TELECOMMUNICATION INFORMATION:
 ; TELEPHONE: 415-855-0555
 ; TELEFAX: 415-845-4166
 ; INFORMATION FOR SEQ ID NO: 5:
 ; SEQUENCE CHARACTERISTICS:
 ; LENGTH: 776 amino acids
 ; TYPE: amino acid
 ; STRANDEDNESS: single
 ; TOPOLOGY: linear
 ; MOLECULE TYPE: peptide
 ; IMMEDIATE SOURCE:
 ; LIBRARY: Genbank
 ; CLONE: 307307
 ; US-08-700-607-5

Query Match 5.44; Score 96; DB 2; Length 776;
 Best Local Similarity 25.18; Pred. No. 0.54;
 Matches 67; Conservative 34; Mismatches 90; Indels 76; Gaps 17;

QY 2 GSASPGLS--VSPHLLPPTVSRGTLEKAAAGVGL-ERRDWSPPPATPEOGIS 56
 Db 45 GEPSPGIGARRAREASRAGSPAROSPVAMETASTGAVSSAMDTFS--TTSKDGEG 102
 QY 57 AFYLSYF-DMLYP--EDSSW---AAKAPGASSREPPPEPCFPYDSQAPAGSLDVP 109
 Db 103 SCYSLISDICYPPQEDSTYFTGLQKENGHVITSESPEE-----IGTPGSPSLDPVP 154
 QY 110 G---GLTLEHSLQ--VOSMVGEVLKDIETACKLNLITADPMWSPSNVOKMLMT- 163
 Db 155 GISRGFLSSDSGIEHTPAESTEVNKL-----ADPLDMKAEAKYIDITR 201
 QY 163 -----EHQYRLPPMGKAOELAGKEL-----CAMSEQFRQ--RSPIGGVLAHL 207
 Db 202 PEEVKHQQEHP-----ELEDKDLDFKKNKDTDISIPFEGVRBPDRKPAVEGKIIRKDH- 255

QY 208 IMKSAAMKERT-SPGAIHYCASTSEE 233
 Db 255 -----LEESTFAP-----YTDDLSEE 270

Search completed: November 21, 1999, 11:10:46
 Job time: 5084 sec